

19981213.qrp v01_n304.qrs.981213

Date: Sun, 13 Dec 1998 19:06:59 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1304

QRP-L Digest 1304

Topics covered in this issue include:

- 1) [27186] Impossible QSO
by "Bruce Prior" <n7rr@hotmail.com>
- 2) [27187] Need advice about trouble with a Saint Louis Vertical
by "Michael A. Newell" <wb4huc@texas.net>
- 3) [27188] Re: 40673 FS
by James Skalski <jskalski@buffnet.net>
- 4) [27189] Re: [Need advice about trouble with a Saint Louis Vertical]
by Roy Lincoln <wa4dou@usa.net>
- 5) [27190] Re: Impossible QSO
by "Bruce Prior" <n7rr@hotmail.com>
- 6) [27191] Re: 10m
by "M CHERRY" <MCHERRY@CALWEB.COM>
- 7) [27192] RE: Soldering Skills-Uh-oh!!!
by PHILLIPS RICHARD <phillips@msoe.edu>
- 8) [27193] electricity problem while qrp
by PUNISHER3@aol.com
- 9) [27194] 11-2-10-meter test data
by "David D. Meacham" <ddm@datatamers.com>
- 10) [27195] Qrp for sale!
by tshilhanek@juno.com
- 11) [27196] Tac-1
by Walter D Amos <waltk8cv@surfree.com>
- 12) [27197] Snowshoe de wa8ghz
by JFD / WA8GHZ /5 <jdougher@wt.net>
- 13) [27198] 10 meter contest
by Mike Duke <K5xu@cris.com>
- 14) [27199] Snowshoe = Noise and few qso's for me.
by Macstein@aol.com
- 15) [27200] Snowshoe
by "Marshall Emm" <mgemm@mtechnologies.com>
- 16) [27201] Electricity problem ::UPDATE::
by PUNISHER3@aol.com
- 17) [27202] 10 METER CONDX.....FROM GEORGE N2JNZ
by Lisa Osier <osier@northnet.org>
- 18) [27203] Colorado Snow Shoe Run! WE6W summary.
by we6w@juno.com (Ed Loranger)
- 19) [27204] Re: Electricity problem ::UPDATE::

by "Rud Merriam" <rmerriam@csi.com>
20) [27205] Re: Electricity problem ::UPDATE::
by James P Rybak <jrybak@mesa7.mesa.colorado.edu>
21) [27206] Re: Electricity problem ::UPDATE::
by "Robert P. Okas" <vintage@best.com>
22) [27207] Re: Electricity problem ::UPDATE::
by "Robert P. Okas" <vintage@best.com>
23) [27208] Re: Electricity problem ::UPDATE::
by "david r" <elbc@pivot.net>
24) [27209] Re: QRP-L digest 1303
by jay lash <jay@sssnet.com>
25) [27210] Re: Impossible QSO
by "Brian J Keegan" <brimail@home.com>
26) [27211] Advice Request
by Mercxx@aol.com
27) [27212] Sierra and toroids
by "Ncolas Drin" <drin@interlog.fr>
28) [27213] qrp in the field
by bob evinger <revinger@marshallonline.com>
29) [27214] Re: Electricity problem ::UPDATE::
by Chris Trask <ctrask@primenet.com>
30) [27215] Re: Electricity problem ::UPDATE::
by Chris Trask <ctrask@primenet.com>
31) [27216] Re: Impossible QSO
by Peter Larsen <larsenp@cadvision.com>
32) [27217] Need Help With Scoring
by w2xn@juno.com (Fred J Kalt)
33) [27218] New Keyer kit - the PK-2 from JHP
by Charles Olson <jacksonharbor@worldnet.att.net>
34) [27219] Re: Need Help With Scoring
by Yaacov@barcode.co.il
35) [27220] Re: [Re: Electricity problem ::UPDATE::]
by Roy Lincoln <wa4dou@usa.net>
36) [27221] GC Snowshoe Run!
by Ken La Rose <kenlar@csolve.net>
37) [27222] EXCELLENT REFERENCE BOOK (TERMAN)
by Brad Bradfield <b_bradfield@yahoo.com>
38) [27223] Re: [Re: Electricity problem ::UPDATE::]
by Pete and Ros <peteros@home.com>
39) [27224] Re: Electricity problem ::UPDATE::
by crc <crc@io.com>
40) [27225] Re: Electricity problem ::UPDATE::
by "Rud Merriam" <rmerriam@csi.com>
41) [27226] Survey of simple receiver projects
by "George Heron" <gheron@idt.net>
42) [27227] Re: electricity problem while qrp
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
43) [27228] Re: Need Help With Scoring

- by Steve <smann@advi.net>
- 44) [27229] Re: Electricity problem ::UPDATE::
by David Fouchey <dafouche@jax-inter.net>
- 45) [27230] Re: Electricity problem ::UPDATE::
by David Fouchey <dafouche@jax-inter.net>
- 46) [27231] Snowshoe Run - 40 Meter CW QRP Contest
by w2xn@juno.com (Fred J Kalt)
- 47) [27232] Snowshoe Run
by w2xn@juno.com (Fred J Kalt)
- 48) [27233] God Bless Us Every One
by "Tom Whiteside" <n5tw@igg-tx.net>
- 49) [27234] HB: 6M transverter
by "Steven Weber" <kd1jv@moose.ncia.net>
- 50) [27235] SLV Problem -- UPDATE
by "Michael A. Newell" <wb4huc@texas.net>
- 51) [27236] Snowshoe Run @ W3KC
by Charles Kadesch <chas@digizen.net>
- 52) [27237] Re: 6M transverter
by "Rud Merriam" <rmerriam@csi.com>
- 53) [27238] Re: Impossible QSO
by w4pj@w4bkx.ampr.org
- 54) [27239] Smart Keyer III
by "Radman" <radman@best.com>

Date: Sat, 12 Dec 1998 16:19:03 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [27186] Impossible QSO
Message-ID: <19981213001904.12410.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain

I thought I'd give the 10 m contest a bit of a go this morning. I turned on the rig with 4 W output, but signals seemed very weak. I tuned around, calling the strongest stations I could hear. After perhaps a dozen tries, K0SM in Nebraska came back and after several repeats, we completed the contest exchange. I sent a 559 signal report in exchange for a fictitious 599. Tuning around a bit more, I couldn't raise anybody else. WOOOPS! I discovered that my MFJ Deluxe Versa Tuner II was switched to the internal bypass dummy load position. I'd spanned the distance between Washington State and Nebraska with my dummy load at QRP power level. Impossible? The only explanation I can think of is that my shack is on the second floor. I must have been radiating just a smidgen through the heavy-gauge solid ground wire! 72, Bruce Prior N7RR

n7rr@hotmail.com

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 12 Dec 1998 18:33:08 -0600
From: "Michael A. Newell" <wb4huc@texas.net>
To: qrp-1@Lehigh.EDU
Subject: [27187] Need advice about trouble with a Saint Louis Vertical
Message-ID: <36730B44.E76FC080@texas.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All:

I'm experiencing a situation with a newly constructed SLV that perhaps someone can help me with.

If you'll forgive the following verbosity, I'll explain how I constructed the antenna then describe the problem.

I constructed the antenna today from a collapsible fishing pole, a chassis-mount S0-239 connector, and five lengths of either 18- or 22-ga. stranded wire, I forget the size.

I soldered the vertical radiator to the center of the S0-239, and used tiny screws and nuts to fasten the tinned ends of the counterpoise wires to the "body" of the S0-239, by putting the hardware through the mounting holes of the S0-239.. I trimmed the wires for operation on 20 meters.

I screwed a PL-259 connector attached to about 40' of RG-58 into the S0-239, then used cable ties to fasten the S0/PL-259 assembly to the fishing pole by wrapping the ties around the barrel of the PL-259. I used another cable tie a few inches lower and tied the RG-58 to the pole.

Once all this was done I extended the pole and vertical radiator and stretched the counterpoise wires out over the ground, which was my front yard.

I found a support for the base of the fishing pole which allowed it to extend without the need for guying.

Now for the good part (finally!). According to my MFJ-259 antenna analyzer, the SWR is less than 1.4 to 1 across the entire 20 meter band. I mean from 14.000 to 14.350.

But when I hooked the antenna to my mobile rig, which is a Ten Tec Scout , flipped the "tune" switch to read the SWR on the Scout's meter, the needle pegged. In the tune position the Scout outputs about 15 watts.

I've ohmmmed out the coax to make sure it isn't shorted, I've ohmmmed out the SO-239 at the antenna to make sure it isn't shorted, I've made sure that all wires are making good electrical and mechanical connections to the SO-239, etc. etc.

So...if anyone has any ideas, I'm all ears, and I appreciate the help.

Thanks,

Mike Newell -- WB4HUC
QRP-L #1668
Austin, TX
<http://wb4huc.home.texas.net/omni-vi/>

Date: Sat, 12 Dec 1998 19:43:07 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27188] Re: 40673 FS
Message-ID:
<Pine.LNX.4.03.9812121941280.3537-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There are several hundred still left. I will take requests and report on the progress Mon. or Tues. . At this rate we should make the order.

73,

Jim N2go

On Fri, 11 Dec 1998, James Skalski wrote:

>
> If anyone is interested in owning some of these to build projects from old
> qst,ARRL handbook, solid state design for the radio amateur...This may be
> the last opportunity. I have located someone that has a box stashed away.
>
> These are the RCA 40673 N-dual-gate FET
> They were featured in articles and used as Rf amplifiers, mixers,if amps,
> at vhf,and hf. They are rated with a top freq of 400mHz.
>
> I have seen many posts bemoaning the passing of this part and I am excited
> about being able to locate this box. To get this item to as many people as
> possible I will limit the quantity to 10pcs per person. There are only one
> thousand total available. (probably anywhere) I think they are all in this
> box :-)
>
> Before I get them I need to have an idea of the interest in such an item.
> They want cash up front from me.
> Since there are over 2 thousand readers on the list..it will be first come
> first served.
>
> The pricing is as follows:
>
> 1 piece \$4.50
> 5 pieces \$4.35 each
> 10 pieces \$4.25 each
>
> All above plus a couple stamps for posting. I will have to get some
> padded mailers from Office Maxx. They are about \$.35 each. A buck should
> cover mailer and postage.
> RF parts has a limited quantity of these for \$6.95 each. Before they
> locate these....*we* should get them.
>
> Do not send money until I respond.I will tell you if you made the A list
> or standby. If standby I will give you an idea where you stand.
> To make it easier please respond to me and not the group. Also use this
> format in the SUBJECT:
>
> re:40673 quantity= __
>
>
> 73,
>
> Jim N2G0
>
> Happy Holidays to all.
>
>

Date: 12 Dec 98 20:42:42 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27189] Re: [Need advice about trouble with a Saint Louis Vertical]
Message-ID: <19981213014242.6561.qmail@www0k.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Mike,

If all is as you described, then you may have RF on the shield of the coax, getting back into the rig and upsetting it. You may want to try coiling a few turns of the coax at the base of the antenna and temporarily tying it into a firm coil. Then recheck.

That would be a good starting point. Good luck, es 73 Roy Lincoln WA4DOU

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So...if anyone has any ideas, I'm all ears, and I appreciate the help.

Thanks,

Mike Newell -- WB4HUC
QRP-L #1668
Austin, TX
<http://wb4huc.home.texas.net/omni-vi/>

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sat, 12 Dec 1998 17:59:33 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [27190] Re: Impossible QSO
Message-ID: <19981213015934.22434.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain

Interesting thought, Alan, but I'm using a ladder line to a roof-mounted horizontal loop. The ladder-line connections at the tuner measure about

2.4 ohms DC to ground when the switch is on bypass to the internal dummy load. I suppose at RF, the antenna will still be considerably above ground potential even though grounded for DC, and therefore it will actually radiate after a fashion. The tuner is connected to the transceiver via coax. Thanks. Bruce

>

>Bruce, if you're using coax to the antenna, the shield side of the coax
>might also have carried the signal to 1/2 the antenna.

>

>Alan Kaul, W6RCL, LaCanada-Flintridge, CA

><http://home.att.net/~alan.kaul/qrp.html>

>alan.kaul@worldnet.att.net

>w6rcl@amsat.org

>

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Date: Sat, 12 Dec 1998 18:05:10 -0800

From: "M CHERRY" <MCHERRY@CALWEB.COM>

To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [27191] Re: 10m

Message-ID: <01be263d\$034d2300\$LocalHost@marycher>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hello Ron,

Didn't see you on 10M but have got over 16,000 points already. Not bad for a /N! I owe it all to you guys. You wouldn't believe all the dx I've got. This is great. Sure wish I could get Nevada as a multiplier....Easier to work you qrp on 40M in the middle of a broadcast station.....

73 es good luck

Mary <><wn6hyx>

Date: Sat, 12 Dec 1998 21:08:18 -0600 (CST)

From: PHILLIPS RICHARD <phillips@msoe.edu>

To: Ed Tanton <n4xy@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27192] RE: Soldering Skills-Uh-oh!!!
Message-ID: <Pine.OSF.3.96.981212210730.5242A-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The first liar doesn't have a chance:-)

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Sat, 12 Dec 1998 22:25:35 EST
From: PUNISHER3@aol.com
To: qrp-1@lehigh.edu
Subject: [27193] electricity problem while qrp
Message-ID: <18e48c07.367333af@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. I was wondering if it was just my house or other people have this problem too. While I am doing cw, my lights flicker. I have heard about this happening with people that run 300 watts, but I'm usually not even running more than 20 watts and it does it. Could it be that I don't have enough juice flowing through the sockets? Could it be my power supply? I would LOVE some feedback.

Thankyou for reading this,
Ben
KK7QX Redmond, WA

Date: Sat, 12 Dec 1998 20:50:32 -0800 (PST)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-1@lehigh.edu
Subject: [27194] 11-2-10-meter test data
Message-ID: <Pine.LNX.3.96.981212201920.5944B-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

AMers,

I took some measurements on my converted Maxon to try and help another list member who was getting low output power from his. It occurred to me that this information might be helpful to others having the same problem, so here it is:

This rig was converted per Steve Weber's kit, and then had the mods done per my two recent postings (if you need them, e-mail me.).

Rig was running 4W out into a dummy load. Voltage read with a DVM. My 'scope is a Tek 2225 (50MHz), and I use a 10:1 probe (13pF). Power supply is regulated at 13.59V under load.

- 1) RF Voltage across R709=2.0V p-p (sine wave with a glitch)
- 2) RF Voltage at junction of C715 & C716=5.4V p-p (good sine wave)
- 3) DC Voltage drop across R999=0.485V. R999 measures 10.0 Ohms, so current is 48.5mA. Collector side=11.02V, so DC input power is 0.534W for the stage.
- 4) DC Voltage across R706=0.597V.
- 5) Total current drawn by the rig at 13.59V=794mA.

Maybe these data will help you some.
72, Dave, W6EMD

Date: Sun, 13 Dec 1998 05:23:44 -0600
From: tshilhanek@juno.com
To: qrp-1@Lehigh.EDU
Subject: [27195] Qrp for sale!
Message-ID: <19981213.052344.3326.0.tshilhanek@juno.com>

I have the following items for sale:
TAC-1 40M 175.00

SST-40
KC1 installed
Variable bandpass

Frequency range 6,930 to 7,043 mhz \$85.00

38S Transceiver Basic kit in a makeshift case
No 5w mod
No Tick keyer
The IF has been modified . No unwanted sideband
present. \$25.00

Terry WOPFR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 13 Dec 1998 05:25:35 +0000
From: Walter D Amos <waltk8cv@surfree.com>
To: qrp-1@lehigh.edu
Subject: [27196] Tac-1
Message-ID: <36734FCF.934A20B2@surfree.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi:

I finally bit the bullet and bought and built a TAC-1 for 40 meters and it is one great rig. The little cliquy knob does not bother me at all and I find the 100 hz steps are fine enough for tuning and there sure is NO drift at all. Selectivity in the wide mode is great for tuning @ 1 Khz and with a push on the tuning knob and you are in the 100 hz narrow mode and with the additional internal audio filter about 300 hz. 5 watts out, and a nice rise and decay shape on the SM-220 monitor scope. Break in between words not characters, but good enough. Tons of audio. Very neat packaging and a pretty face. Worked a fox with it laying on the desk without a cabinet, no problem. This is no beginners kit, took me a couple of weeks but all the parts were there and the instructions are clear if you just take the time to read them. Parts are in lots of separate plastic bins and well marked to speed things up. Overall for the single bander category I would give it a 10 , and now you can play a bolero! :-) The real test will be in the next contest and how it holds up against the " all knobs to the right" bunch!!

Walt K8CV

Date: Sat, 12 Dec 1998 23:40:29 -0800
From: JFD / WA8GHZ /5 <jdougher@wt.net>
To: ham_QRP-1 <qrp-1@lehigh.edu>
Subject: [27197] Snowshoe de wa8ghz
Message-ID: <36736F6D.3455@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WA8GHZ /5 490 Points 559 TX W 5W
SCORE = 490 (35Pts x 7spc x 2 memb = 490)
Jack Houston, TX

A good sprint, but bad condx here in TX. Nice to see the C02HA playing to lend a little DX flavor.

Date: Sun, 13 Dec 1998 00:45:39 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27198] 10 meter contest
Message-ID: <Pine.SUN.4.01.9812130041440.11937-1000000@viking.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Earlier this week, I re-worked my counterpoise which includes a balcony railing on my second floor apartment.

I immediately noticed an improvement in the tuning of my end fed zepp on all bands, especially 10 meters.

I decided to give the contest a try with my old reliable FT7. With ten watts, I made 30 plus cw qsos and a dozen on ssb just working in brief spirts of time as I passed through the shack.

Sure is good to have 10 meters back!

BTW, let's keep up the high level of activity. The pirates were misserable today!

72,

Mike Duke, K5XU,

President,
 Mississippi Council of the Blind
<http://www.prestridge.com/mcb/>

 Date: Sun, 13 Dec 1998 00:48:45 EST
 From: Macstein@aol.com
 To: qrp-1@Lehigh.edu
 Subject: [27199] Snowshoe = Noise and few qso's for me.
 Message-ID: <ddd50c55.3673553d@aol.com>
 Mime-Version: 1.0
 Content-type: text/plain; charset=US-ASCII
 Content-transfer-encoding: 7bit
 Content-Transfer-Encoding: 7bit

And, I shoulda read the rules closer -- and listened when you said we could work dupes every thirty minutes. Heard K1XS, AB0FX, W0CQC all night. DUH.... Here's the log:

Time	Freq	Call	RST	SPC	Ant	Pwr	#
	Points						
03:20	7.0415	K1XS	559		CT	W	3w
		3					
03:25	7.0420	WA0CML	579		CO	W	nr55
		3					
03:34	7.0425	W0CQC	579		CO	B	nr515
		3					
03:39	7.0435	VE3ELA	579		ON	W	3w
		3					
04:00	7.0450	N1FN	559		CO	W	nr154
		3					
04:07	7.0420	AB0FX		559		NE	V
		3					
04:24	7.0415	WA2BQI	559		NY	W	100w (QR0)
		3					
04:58	7.0405	K8NI	559		OH	W	5w
		3					

Points

24

24 points x 6 SPC x 3 CQC = Total Score
 432

Used my "Elmer" SW40+ (tweaked to 5w out), ZM-2, and the infamous KF4KSM Attic Dipole here in the lowlands of West-Central Florida. Temp was 78 degrees F, and I looked funny in snowshoes.

This was fun. Noise was horrible. Several busted QSO's. Will work dupes next year (grin). Thanks you guys!

-MAC-

KF4KSM 599 FL W 5w

6502 Grazing Lane
Odessa, Fl 33556

Date: Sat, 12 Dec 1998 23:10:11 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, cqclist@mtechnologies.com
Subject: [27200] Snowshoe
Message-ID: <199812130605.XAA11092@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Now that was fun! Conditions could have been better-- the band was a bit noisy and propagation seemed to be pretty solid to the east coast but nowhere else. Only 10 SPCs including ON, NY, NJ, PA, MD, VA, and FL. So the other three musta been CO, AZ, and CA. Not a peep out of TX, the mid-west, or the northwest.

One problem was W0CQC-- operated by Larry, WJ1R/UA6HZ guesting at K0FRP's shack with beam on 40' tower. 10dB over 9 sigs which pretty much wiped out about 3Kc of the band. I could filter him out ok but his signal was pumping the AGC, or intermodding when I turned the AGC off. But I understand his total was 55 QSOs and mine was 41 with my little GAP so I guess I worked about everybody I could have.

Thanks to everyone who participated, and I'll be very interested to see what sort of results turn up in the logs. Don't forget to send yours in because there are certificates for top score in each SPC as well as the class winners!

TKS AGN...

73
Marshall Emm
N1FN/VK5FN

n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Sun, 13 Dec 1998 01:27:18 EST
From: PUNISHER3@aol.com
To: qrp-1@lehigh.edu
Subject: [27201] Electricity problem ::UPDATE::
Message-ID: <1468286a.36735e46@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi again. I have determined that the dimming of lights in my house is the wiring somewhere. I took a hair dryer and plugged it in the same socket to see if this also made the lights go dim. Sure enough, it did. Its a little confusing though because the room that has the worst effect is my radio room. When I put the hair dryer on, the room almost goes black, because the lights somehow lose power. On other sockets that I have tried, some have the same effects but a little less noticeable, and others don't blink at all. Hmmm

Ben
KK7QX

Date: Sat, 12 Dec 1998 13:46:11 -0800
From: Lisa Osier <osier@northnet.org>
To: qrp-1@lehigh.EDU
Cc: osier@northnet.org
Subject: [27202] 10 METER CONDX.....FROM GEORGE N2JNZ
Message-ID: <3672E423.802@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All!!!!!!

Strange bag of stations today..... Started at 1400z heard some Europe but not very many..checked solar flux....130...not to good for 10 mtrs But started to work stateside and got on a roll....worked some C6 and LU

stations for only DX...but at 2053 heard V73UX..fat chance but gave it a go anyhow....he called "N3..QRP???" ...I chirp in "N2JNZ/QRP"... "OK N2 QRP AGN" we get a good exchange , make the contact...freaks me out!!!!...all this time since 1700z trying to work "CA" with only 1 Q.. Ive worked 10 when it was much better but not this strange.....!!!!

Rig here a TEN TEC ARGO 509.....ANTENNA A CUSHCRAFT 10 METER RINGO UP 20 FT....POWER OUT ...2 WATTS SSB

10 METERS...GOTTA LOVE IT!!!!!!!!!!!!!!

73/73s

GEORGE OSIER , N2JNZ/QRP

Date: Sun, 13 Dec 1998 02:00:51 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-1@lehigh.edu
Subject: [27203] Colorado Snow Shoe Run! WE6W summary.
Message-ID: <19981212.225047.2111.1.we6w@juno.com>

These two our sprints are great, eh gang?

Worked 36 stations which broke out to
30 * 3 points=90
6 * 2 points=12 (2nd time worked is 2 points.
0 * 1 point = 0 (No stations worked 3 times.

14 unique SPC's and 15 unique CQC#'s.
Total tally for my OHR-100 5 watts is: 21,420.

Hope you all enjoyed it. Also very nice to have all the antenna information in the exchange to see what everyone is running.

Best 72 to all and Happy Holidays!
-Ed
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 13 Dec 1998 01:49:15 -0600
From: "Rud Merriam" <rmerriam@csi.com>
To: <PUNISHER3@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [27204] Re: Electricity problem ::UPDATE::
Message-ID: <032101be266d\$3954c4a0\$1a69afce@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'd check - or have an electrician check - the connections on the outlets in your shack. Make sure they are tight and of the right type.

Check if you have aluminum wiring and if you do GET AN ELECTRICIAN ASAP. Have him check all the wiring is done with fixtures good for aluminum. Aluminium was cheaper than copper for a couple years and used in homes. But that was maybe 20 years ago so if your home is newer it shouldn't be a problem. Aluminum is to ductile for wiring except when used with fixtures designed for aluminum. It flows away from the screw leaving a gap where corrosion builds. That leads to heat and eventually fires.

Rud Merriam KD5DTV
rmerriam@csi.com

-----Original Message-----

From: PUNISHER3@aol.com <PUNISHER3@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, December 13, 1998 12:30 AM
Subject: Electricity problem ::UPDATE::

>Hi again. I have determined that the dimming of lights in my house is the
>wiring somewhere. I took a hair dryer and plugged it in the same socket to
>see if this also made the lights go dim. Sure enough, it did. Its a little
>confusing though because the room that has the worst effect is my radio room.
>When I put the hair dryer on, the room almost goes black, because the lights
>somehow lose power. On other sockets that I have tryed, some have the same
>effects but a little less noticeable, and others don't blink at all. Hmmm
>
>Ben
>KK7QX
>

Date: Sun, 13 Dec 1998 01:49:22 -0700 (MST)
From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
To: Rud Merriam <rmerriam@csi.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27205] Re: Electricity problem ::UPDATE::
Message-ID: <Pine.OSF.3.91.981213014605.2946E-100000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On the topic of aluminum wiring in houses. This mainly was used only during the Korean War when copper was in short supply. They found out very quickly that aluminum does not maintain a good contact in a screw connection. You get a high resistance contact which can cause a fire. They stopped using aluminum as soon as they discovered this problem.

Jim Rybak W0KSD

Date: Sun, 13 Dec 1998 01:15:10 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: PUNISHER3@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27206] Re: Electricity problem ::UPDATE::
Message-ID: <Pine.BSF.4.05.9812130102490.26841-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ben,

Throw the breakers or pull the fuses and check each outlet. Chances are that some are paralleled and there is a connection that's developed some resistance. The most durable way of paralleling outlets is the traditional way of wrapping the wire around the outlet screw and tightening them down.

There are what I consider to be "lazy man's" outlets (switches too, for that matter) that merely require the installer to strip the insulation about 1/2" and slid it into a hole. I've had similar problems with these kinds of devices. There is a release slot into which you slid a narrow screddriver tip and the wire is released. If you find such a connection, reconnect the right way.

Of course, I'm talking about solid copper wire here. If your house is wired with aluminum wire, better take care of this problem soon before a fire starts! Typically, aluminum wire is found in houses built in the early 70's. Check with your local electrician if in doubt. Aluminum wire might require an outlet/switch that's compatible with the metal.

73 and take care,
Bob - W3CD

On Sun, 13 Dec 1998 PUNISHER3@aol.com wrote:

> Hi again. I have determined that the dimming of lights in my house is the
> wiring somewhere. I took a hair dryer and plugged it in the same socket to
> see if this also made the lights go dim. Sure enough, it did. Its a little
> confusing though because the room that has the worst effect is my radio room.
> When I put the hair dryer on, the room almost goes black, because the lights
> somehow lose power. On other sockets that I have tried, some have the same
> effects but a little less noticeable, and others don't blink at all. Hmmm
>
> Ben
> KK7QX
>

Date: Sun, 13 Dec 1998 01:18:52 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27207] Re: Electricity problem ::UPDATE::
Message-ID: <Pine.BSF.4.05.9812130116130.26841-1000000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I believe aluminum wire was used in the 70's as well. In a rental I used to live in, the aluminum wire was spliced to a copper 'pigtail' which was then attached to the outlet terminals. The funny thing is that all modern service drops use aluminum, even buried cable...

73,
Bob - W3CD

On Sun, 13 Dec 1998, James P Rybak wrote:

>
> On the topic of aluminum wiring in houses. This mainly was used only
> during the Korean War when copper was in short supply. They found out

> very quickly that aluminum does not maintain a good contact in a screw
> connection. You get a high resistance contact which can cause a fire.
> They stopped using aluminum as soon as they discovered this problem.
>
> Jim Rybak W0KSD
>

Date: Sun, 13 Dec 1998 04:55:28 -0500
From: "david r" <elbc@pivot.net>
To: <PUNISHER3@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27208] Re: Electricity problem ::UPDATE::
Message-ID: <004501be267e\$b8af8d00\$843d62ce@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <PUNISHER3@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, December 13, 1998 1:27 AM
Subject: Electricity problem ::UPDATE::

>Hi again. I have determined that the dimming of lights in my house is the
>wiring somewhere. I took a hair dryer and plugged it in the same socket to
>see if this also made the lights go dim. Sure enough, it did. Its a
little
>confusing though because the room that has the worst effect is my radio
room.
>When I put the hair dryer on, the room almost goes black, because the
lights
>somehow lose power. On other sockets that I have tried, some have the same
>effects but a little less noticeable, and others don't blink at all. Hmmm
>
>Ben
>KK7QX
>
Hi Ben,

>From what you describe in your two posts, It sounds to me like you have an
over loaded circuit for some reason.. could be poor connections, could be
that the fuse box or breaker box is over loaded.. You need to contact an

electrician A.S. A. P. it may cost a few buck but that is nothing compared to the loss of your home due to fire. What you've describe is a potentially dangerous situation. Might be as simple as a bad outlet. or I could be in need to upgrade your electrical service.. either way get it taken care of.

73 and let us know what you find.
Dave Kc1di

Date: Sun, 13 Dec 1998 07:37:28 -0800
From: jay lash <jay@sssnnet.com>
To: qrp-l@Lehigh.EDU
Subject: [27209] Re: QRP-L digest 1303
Message-ID: <3673DF38.4F5B@sssnnet.com>
MIME-Version: 1.0

Date: Sun, 13 Dec 1998 08:16:46 -0500
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [27210] Re: Impossible QSO
Message-ID: <001e01be269a\$d7c53fc0\$12960318@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bruce,

I had a similiar experience with my MFJ 949D. I was on vacation in Maine calling CQ on 40 meters. It was September in the early afternoon. I guy from FL came back, gave me a 229, "Sorry, QSB" and was gone. It didn't seem right so I started checking the equipment and discovered I had just worked ME to FL with 2 watts into my "dummy load". I think my antenna that year was a 75' random wire in inverted L formation and a ground wire running to the cabin's cold water supply line. I hate to think the dummy load in my tuner can radiate that well.

Brian KF2HC

Date: Sun, 13 Dec 1998 08:44:04 EST
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [27211] Advice Request
Message-ID: <35e5d3cf.3673c4a4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

First of all I want to thank everyone on this list for all of the advice I have asked for and received. The patience of many who have answered my questions since joining this list has been awesome. I obtained great rigs and advice that I am passing to my young sons. Thank you does not seem enough but thanks anyway. Through your discussions over the range of many subjects I have learned things that could not be written in a book.

I have obtained a Micronaut, MRX 40 receiver and have sent off my order for two Jersey fireballs for my sons. My question for the day is, what extra parts should I keep in my parts box for repairs and future projects. I know that this is a loaded question but being a newbie I gotta ask. Thanks again for your support.

HAPPY HOLIDAYS TO ALL!

73s
Steve
N4TKP
FIST 4922
QRP-L #1763

Date: Sun, 13 Dec 1998 15:08:25 +0100
From: "Ncolas Drin" <drin@interlog.fr>
To: <qrp-l@Lehigh.EDU>
Subject: [27212] Sierra and toroids
Message-ID: <01be26a2\$0cb1f820\$LocalHost@tlrzjjcy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,
I have completed my SIERRA. Works already great despite the coarse alignment I did.

So a question for the sierra owners : before the final adjustement with FFK (or EuroK) Lab test equipment, should I glue the toroids to limit drift ??
Already work some W stations on 21 Mhz, So I'm ready for any skeds ...

72 and happy Xmas

Nicolas, F5HFZ
QRP-L# 1755
F5HFZ@interlog.fr

Date: Sun, 13 Dec 1998 14:27:41 +0000
From: bob evinger <revinger@marshallonline.com>
To: qrp-l <qrp-l@Lehigh.edu>, wvara <wvara@qrp.com>
Subject: [27213] qrp in the field
Message-ID: <3673CEDD.6F2505C4@marshallonline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got to do a little qrp in the field by necessity yesterday. Was doing some test flights in my dads new ultralight and "even though I shouldnt need it" I threw my ALinco DJS11 in my pocket. No room for the big HT. I knew I should be close enough to home that if I had to set down I should be able to get to the 50' antenna. Well too make a long story short about 4 or 5 minutes into the flight and about a mile north of the house the engine quit, had to deadstick it into an empty cornfield. Unfortunately the beam at home was pointing east and I was in a valley and behind a bunch o'trees, but the xyl heard me and turned the beam. Gave her my location and dad came with tools. Glad I put the radio in my pocket and I wasnt any farther out. Would have been a long walk back. The way it was they couldnt see me for the tree line, but they heard the engine quit.

I learned to fly in sailplanes, love to fly gliders but prefer to choose when I fly engineless aircraft :)

Oh we did get the plane home under its own power(got some more testing to do though).

— —

Bob Evinger	19250 N. Livingston Road	revinger@marshallonline.com
WD9EKA	Marshall, IL 62441	

Date: Sun, 13 Dec 1998 07:57:02 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: PUNISHER3@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27214] Re: Electricity problem ::UPDATE::
Message-ID: <Pine.BSI.3.96.981213075600.28420B-100000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 13 Dec 1998 PUNISHER3@aol.com wrote:

```
> Hi again. I have determined that the dimming of lights in my house is the
> wiring somewhere. I took a hair dryer and plugged it in the same socket to
> see if this also made the lights go dim. Sure enough, it did. Its a little
> confusing though because the room that has the worst effect is my radio room.
> When I put the hair dryer on, the room almost goes black, because the lights
> somehow lose power. On other sockets that I have tried, some have the same
> effects but a little less noticeable, and others don't blink at all. Hmmm
>
```

I would first try replacing the main breaker in your circuit breaker panel. Sounds to me like the contacts have corroded. Only cure for that is replacement.

```

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```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sun, 13 Dec 1998 07:58:40 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27215] Re: Electricity problem ::UPDATE::
Message-ID: <Pine.BSI.3.96.981213075729.28420C-100000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 13 Dec 1998, James P Rybak wrote:

```
>  
> On the topic of aluminum wiring in houses. This mainly was used only  
> during the Korean War when copper was in short supply. They found out  
> very quickly that aluminum does not maintain a good contact in a screw  
> connection. You get a high resistance contact which can cause a fire.  
> They stopped using aluminum as soon as they discovered this problem.  
>
```

It was used here in Arizona as late as 1979 or thereabouts. The city of Phoenix will not allow a prefab home or house trailer to be permanently installed if it has aluminum wiring.

```

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    /   What's all this   \
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```

Circuit Design for the RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sun, 13 Dec 1998 15:48:20 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: Low Power <qrp-1@Lehigh.EDU>
Subject: [27216] Re: Impossible QSO
Message-ID: <3673E1C4.EA9E79E@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I know how you feel after you saw your switch position.
I once worked half the CQWW 160 contest on my dummy load.
Only thing is my score didn't improve much when I went to my
antenna.
I guess I use to have a DLA!! (Dummy load antenna)

--
73 es have fun
Peter
VE6YC D021wc

Did you hear about the dyslexic Satanist?
He sold his soul to Santa

Date: Sun, 13 Dec 1998 11:31:32 -0500
From: w2xn@juno.com (Fred J Kalt)
To: qrp-1@lehigh.edu
Subject: [27217] Need Help With Scoring
Message-ID: <19981213.113133.-886301.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Help... I need help with understanding the multipliers in the SnowShoe
Run last nite. I am not sure what the SPC and CQC multipliers are. I

had a great time in the Run, but would like to submit a score sheet, even though I am sure I would not win. Could someone explain to me the scoring/multiplying.

Thanks,

fred w2xn, Lakeland, FL

Date: Sun, 13 Dec 1998 16:45:42 +0000
From: Charles Olson <jacksonharbor@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [27218] New Keyer kit - the PK-2 from JHP
Message-ID: <19981213164542.EVIB5099@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jackson Harbor Press is happy to announce the PK-2 keyer kit - a PIC based keyer featuring:

- pot OR paddle speed control, variable from 5 to 39 WPM
- two 52 character RAM based memories
- pin compatible with the Tick or K8 keyer chips (except pot pin 2)
- embedded pause
- 10 character callsign memory, embeddable into other memories
- a CQ send using the callsign memory
- low power consumption: 1.5 ma active, 7 ua sleep
- LM2936 low quiescent current 5V regulator included
- 2N7000 MOSFET output transistor included
- beacon mode with several options
- message kill from paddles
- iambic mode B or A selectable
- paddle reverse feature
- bug / straight key mode

PK-2 kit price is \$18, PK-2 chip only w/instructions is \$7
Add \$2 shipping in the USA
DX (outside the USA) add \$5 shipping

Now available directly from Jackson Harbor Press - also available from MorseXpress.

Mail your order to: Jackson Harbor Press
RR1, Box 91C
Washington Island, WI 54246

Check the Jackson Harbor Press web site to download the manual,

schematic, app note and other Acrobat files for more information.

<http://home.att.net/~jacksonharbor>

Thanks and Best Regards,

Chuck

Chuck Olson
WB9KZY
Jackson Harbor Press
Ham Radio Kits and more!
Washington Island, WI
jacksonharbor@worldnet.att.net
<http://home.att.net/~jacksonharbor>

Date: Sun, 13 Dec 1998 18:42:37 +0200
From: Yaacov@barcode.co.il
To: qrp-1@Lehigh.edu
Subject: [27219] Re: Need Help With Scoring
Message-ID: <9812132349.AA0169@Yaacov>
Mime-Version: 1.0
Content-Id: <122_69_1_913592557>
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> From: w2xn@juno.com
>
> Help... I need help with understanding the multipliers in the SnowShoe
> Run last nite. I am not sure what the SPC and CQC multipliers are. I
> had a great time in the Run, but would like to submit a score sheet, even
> though I am sure I would not win. Could someone explain to me the
> scoring/multiplying.

Scoring and multiplying? ... Ummmmm... Do you really need help with that?

Well, if you do, just go up to the air, and yell "88" to every YL.

73,
Yaacov 4X6HY

P.S. You have expected such kind of replies, I'm sure ;-)

Date: 13 Dec 98 11:50:36 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27220] Re: [Re: Electricity problem ::UPDATE::]
Message-ID: <19981213165036.14209.qmail@www0i.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

This seems to be becoming a popular thread, so, i have a story to relate that could be beneficial to some, perhaps.

A couple of years ago, i had an experience where the dryer at home lost its starting torque. Unless it was lightly loaded, the drum was incapable of turning .I checked the voltage drop across the breakers, relatively little. Checked out the dryer but could find no problem. Eventually, i theorized that a few turns of a winding in the motor must have shorted out. Replaced the motor, no luck. Had to live with the problem for a few months.Moved the dryer to a new residence.Boom! Dryer worked fine.

It was then, that i realized that a breaker was faulty. High voltage upon startup(when the motor drew heavy starting current), normal or near normal drop during regular operation.Once the drum came up to sufficient speed, it kicked in the "centrifical switch" , current dropped to that necessary to maintain motor speed, and problem disappeared. Hope this experience, and all the inferences you can draw from it, proves to be useful to someone else.

73 Roy Lincoln WA4DOU

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sun, 13 Dec 1998 12:02:22 -0800
From: Ken La Rose <kenlar@csolve.net>
To: qrp-1@Lehigh.EDU
Subject: [27221] GC Snowshoe Run!
Message-ID: <36741D4E.7545@csolve.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good timing for the Snowshoe Run as we had our first dump of the season Thursday night/Friday morning. Strapped on the snowshoes and trekked through CO, TX, NM, and FL during the Sprint.

Worked 3 times: W0CQC, K5ZTY, KQ5U
2 times: N1FN, WA8GHZ, W2XN
1 time : WA0CML, KF4KSM, WB5IRI, NA5N, W0QT, W0HEP, AB0CD, K6LS

60 QSO points x 4 SPCs x 8 members = 1920 Total Score

Slow, heavy QSB dominated many contacts. One minute an RST 559 signal would fade down to an RST 119, and then eventually recover.

Here's how the split between antenna classes was received here:

Wires: 8 stations Verticals: 5 stations Beams: 3 stations

Setup was 3 watts out from a Heathkit HW-9, Ten-Tec antenna tuner, and a N-S sloping random wire up 30 ft.

Loved the 2 hour Sprint concept and unique contest exchange. Thanks to the Colorado QRP Club and all participants for a FUN time!

72, de Ken VE3ELA Midland, ON

Date: Sun, 13 Dec 1998 09:16:51 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [27222] EXCELLENT REFERENCE BOOK (TERMAN)
Message-ID: <19981213171651.5793.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning y'all - -

If anyone is interested in a copy of F.E. Terman's excellent reference book, Radio Engineering Handbook, there is a copy currently up for auction on Ebay, item number 48063612. This is the 1943 edition. If you're not familiar with Terman's books, they continue to be excellent reference books. I have two of his books, and still refer to them pretty regularly today.

72's es 73's,

Brad, W5CGH

==

Brad Bradfield, PE	W5CGH	Systems Engineer
(ex WB0CGH)		Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377	SMIRK #4906
ARS #72	Austin QRP Club #e

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 13 Dec 1998 11:17:35 -0600
From: Pete and Ros <peteros@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27223] Re: [Re: Electricity problem ::UPDATE::]
Message-ID: <3673F6AF.410423D6@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've sent this info directly to Ben but since the general problem seems to be of interest I'll relate my experience just in case.

In my previous house, the power was supplied by overhead lines which ran down the back alley. For several days we had problems where switching on a light or other load caused all the other lights to dim briefly and if the washing machine was running it really dimmed everything as it started up.

After a couple of days I finally took notice of something that hadn't sunk in before. The power line to our house ran from a pole at the back of the garden to a point on the roof just above and to one side of the back door. I realized that when I walked to the garage at the back of the lot, the power line was a lot lower than it had been. I could easily have touched it on our back patio deck and almost reached it even from the ground at its lowest point. I called the power company and described the problem and they came out immediately.

The power line to the house is supported by a cable which is also the

house ground and that cable had snapped where it was anchored to the house. So now, not only was the power line supporting the ground cable, instead of the other way around, but the house as a whole was not grounded.

The power crew foreman apologized repeatedly and profusely.

Afterwards I realized just how dangerous a situation we had been in. The whole house's A/C supply was "floating".

73 de Pete VE5VA

Date: Sun, 13 Dec 1998 11:35:14 -0600
From: crc <crc@io.com>
To: QRPL <QRP-L@Lehigh.EDU>
Subject: [27224] Re: Electricity problem ::UPDATE::
Message-ID: <3673FAD2.EDE21F79@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

david r wrote:

> ----- Original Message -----
> From: <PUNISHER3@aol.com>
> >Hi again. I have determined that the dimming of lights in my house is the
> >wiring somewhere. I took a hair dryer and plugged it in the same socket to

As far as aluminum wire , I know for a fact (having been an electrician at the time)that it was used in many homes in the early 70"s.It was outlawed later but some areas did not inspect properly for many years after that,and it was still on the market.

And some home owners used it out in the county where there are often no inspections required for owner built homes.

The biggest problem we had with it was if it was installed to a "copper only "plug or socket,the bi-metallic corrosion caused heat (resistance)and eventually failure.Also every place we had to bend the wire minute cracks developed,most of them within a few inches of the plugs,and they would eventually break there.

Where the large wires connect to the power poles the connections are covered in a non-oxidizing grease and then either wrapped weather tight or capped with a weather tight cover,this prevents the bi-metallic oxides from forming.

If you find you have aluminum wire there are plugs designed for it designated Al/Cu,and they are only a few cents more than standard Cu plugs.

Gud luck Charlie WA5KRF

Date: Sun, 13 Dec 1998 12:04:20 -0600
From: "Rud Merriam" <rmerriam@csi.com>
To: <jrybak@mesa7.mesa.colorado.edu>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [27225] Re: Electricity problem ::UPDATE::
Message-ID: <038d01be26c3\$df3abf40\$1a69afce@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There was a period when it was used in the mid or late 60s also. Probably a lot dependent on your local area. Some friends here in Houston bought a late 60s house that was AL. Ours, a couple years later is copper.

Rud Merriam KD5DTV
rmerriam@csi.com

-----Original Message-----

From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, December 13, 1998 2:51 AM
Subject: Re: Electricity problem ::UPDATE::

>
>On the topic of aluminum wiring in houses. This mainly was used only
>during the Korean War when copper was in short supply. They found out
>very quickly that aluminum does not maintain a good contact in a screw
>connection. You get a high resistance contact which can cause a fire.
>They stopped using aluminum as soon as they discovered this problem.
>
>Jim Rybak W0KSD
>

Date: Sun, 13 Dec 1998 13:20:39 -0500
From: "George Heron" <gheron@idt.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>, "NJQRP" <NJQRP@njqrp.org>
Subject: [27226] Survey of simple receiver projects
Message-ID: <017c01be26c5\$502753c0\$853984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

There's been a rash of questions from people looking for easy/inexpensive receivers to go along with their new "Jersey Fireball 40" QRPP transmitters ... The NJ-QRP gang doesn't have anything in progress at the moment, but here's a few thoughts to answer some questions and get the juices flowing ...

The Columbus QRP Club had a small 40m receiver kit called the Mrx-40, designed by Steve Bornstein K8IDN as a companion Rx to the Micronaught Tx. It gave you VXO frequency of 2-3 KHz around 7.040 MHz. Unfortunately the Mrx-40 is no longer available but you can see the information on this at the club website: <http://www.qsl.net/cqrp/index.html>, but this project was written up as an article in Summer 1997 QRPP and there's a published schematic for this NE612 mixer oscillator design using an LM380 for the audio amp. Build it from scratch, it's easy!

QST ran a project some time ago called the SimpleCeiver, using a single chip narrow band FM IF IC and some tuned circuits. You can do a search on this in QST archives, or you may still be able to get the kit K-6355 from Dick Smith Electronics: 390 Convention Way, Redwood City, CA 94063. (This may be an old address.)

There is a simple receiver in the George Dobbs G3RJV "Six Pack" kit, although it is basically just the mixer and you add the oscillator and amp, but it's a start. This has been published during 1998 in the QRP Quarterly, SPRAT and Pacificon Forum notes. The kit is also available from Bill Kelsey N8ET of Kanga USA.

There was a project called "An Ultra Simple W1AW Receiver" in May 1997 QST. Just a few components with a crystal at 3.579 color burst frequency ... you can live with the frequency there or put in your own crystal and put it where you want with only minor tweaking.

There was a neat simple transistor/tube hybrid in Dave Ingram's column of CQ for April 1997 ... called the Sucrets box Wee Ceiver. Very cool, battery operated, good novelty project.

You can also easily build the little "Herring Aid 5 Receiver", featured on o

ur own Jersey QRP website (and on NorCal's too) under the "Back to the Future" projects. This old Doug DeMaw circuit has been updated to modern components and circuit boards are available.

There was a simple NE602-based receiver called "The Neophyte Receiver" featured in QST for February 1988, and republished in QRP Classics. Single chip design with some tuned circuits and an LM386 audio amp. You can get this receiver kit for 80m or 40m from Dan's Small Parts for about \$18 (<http://www.fix.net/~jparker/dans.html>). Dan's also offers a high performance version too for about \$32.

Also from Dan's is a "nifty shortwave receiver kit" for \$20. The kit Dan's supplies covers the 5-10Mhz band as-supplied but by changing the windings of the coil there is no reason why you could not cover other bands.

Dan's also offers the "Traveler", an 80m superhet receiver featured in 73 magazine for Oct 1994 ... for \$39. Kit includes pcb and all parts.

You might also try searching some of the ARRL publications: the Handbook, QRP Power, W1FB QRP Design Notebook, QRP Classics ... there's some good material and projects in there and I'm continually amazed about all the "new" stuff I find in there even though I read them year after year.

You should check out Fred Reimer's FAR Circuits website (<http://www.cl.ais.net/farcir/>) for all sorts of PCBs for many, many projects throughout the years in QST, QEX, QRPp, and more. He even has them categorized and there is a "receiver" section with over 40 projects ... just order the boards (that often come with a copy of the original article!), order the parts and you're in business!

And Jake Carter, N4UY reports ... "A couple months ago I built a Ten Tec "T-Kit" model 1056 -- the any-band DC receiver. I ordered it because I wanted to get the special price on the Ten Tec enclosures -- my savings on the enclosures almost paid for the \$30 kit. Its a good little receiver -- goes together easily and seems fairly sensitive and selective. I put mine on 30m but it can just as easily be put on 40. It has provisions for muting and a side-tone. The only drawback that I can see is that its pretty big. Its about 3.5" by 6" -- not "Altoids-sized". Aside from that, I like it."

Ten-Tec also has a pretty nice looking "first radio kit" short wave receiver kit (that also does the ham bands) for only \$59. It's a 9-band radio called model 1253 (<http://www.tentec.com/>)

You should also check out back issues of QRPp (from NorCal), and SPRAT (from G-QRP) ... there are a TON of simple little receiver schematics throughout the years. Contact Doug Hendricks KI6DS (ki6ds@dpol.k12.ca.us) or Rev George Dobbs G3RJV (g3rjv@gqrp.demon.co.uk) for information on back issues of QRPp and SPRAT, respectively. These are *indispensable* sources of great

QRP project information!

And lastly, a couple of our NJ-QRP elmers are working on an interesting, low-cost receiver to be a companion to the Fireball 40 ... stay tuned for this one as we get into the springtime.

Hope you found this little "homebrew & kit receiver overview" useful. If any of you hear of other small, easy, inexpensive receiver projects to go with the Jersey Fireball 40, I'd be glad to hear about them!

73,

-- George Heron, N2APB

n2apb@amsat.org in Sparta, NJ

<http://www.njqrp.org> <== Home of the NJ-QRP Club

PS: We're closing in fast on the 100 order mark for the "Jersey Fireball 40" transmitter ... and we're going in for another 100 PCBs! Lots of people ordering 2, 3, or more ... one for themselves and one for a club give-away, project for the scouts, an extra for the special buy of 28.060 oscillator cans being done by Mike McShan, all sorts of fun uses for this simple transmitter project from the NJ-QRP Club (<http://www.njqrp.org/fireball40/>)

Date: Sun, 13 Dec 1998 18:29:43 -0000
From: "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
To: <PUNISHER3@aol.com>
Cc: <qrp-1@lehigh.edu>
Subject: [27227] Re: electricity problem while qrp
Message-ID: <000001be26c6\$fc911820\$c436883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ben,

Is your house the only one at the end of a very long line? If you can (safely) check that the volts are correct at the socket outlet using a good quality multimeter set on the AC range, do so.

If the volts are ok, then do as the list suggests and get a professional electrician in to check your installation.

DO THIS SOONER rather than later!

If the volts are more than about 12% low, call your electricity company and ask them to check it out.

Either way, don't put this off, you have a potential for a very dangerous situation there. I write as an "authorised person" in terms of the UK Electricity Acts, licensed to work on systems up to 400kv.

Regards

Mel

GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Date: Sun, 13 Dec 1998 13:36:01 -0500
From: Steve <smann@advi.net>
To: Yaacov@barcode.co.il
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27228] Re: Need Help With Scoring
Message-ID: <36740911.44C9@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> > From: w2xn@juno.com
> >
> > Help... I need help with understanding the multipliers in the SnowShoe
> > Run last nite.
>
> Scoring and multiplying? ... Ummmmm... Do you really need help with
> that?
> Well, if you do, just go up to the air, and yell "88" to every YL.
>
> 73,
> Yaacov 4X6HY
>
Must have been a full moon! Looks like the "lunies" are out! ;)

73
Steve, N4EY

Date: Sun, 13 Dec 1998 13:42:34 -0500
From: David Fouchey <dafouche@jax-inter.net>
To: PUNISHER3@aol.com
Cc: qrp-1@lehigh.edu
Subject: [27229] Re: Electricity problem ::UPDATE::
Message-ID: <3.0.1.32.19981213134234.00802d00@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Check the connection in your distribution panel from the circuit breakers. Over time with heating and cooling as loads are added and removed the connections will loosen up causing a high resistance connection. Every year I retension the screws on the Circuit Breakers in my distribution panel to reduce this effect. This is particularly common in newer construction homes that used Aluminum feeds from the Meter.

good luck,

72's

Dave F.

wa4emr

At 01:27 AM 12/13/98 EST, you wrote:

>Hi again. I have determined that the dimming of lights in my house is the
>wiring somewhere. I took a hair dryer and plugged it in the same socket to
>see if this also made the lights go dim. Sure enough, it did. Its a little
>confusing though because the room that has the worst effect is my radio room.
>When I put the hair dryer on, the room almost goes black, because the lights
>somehow lose power. On other sockets that I have tried, some have the same
>effects but a little less noticeable, and others don't blink at all. Hmmm
>
>Ben
>KK7QX
>
>

Date: Sun, 13 Dec 1998 13:44:00 -0500
From: David Fouchey <dafouche@jax-inter.net>
To: rmerriam@csi.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27230] Re: Electricity problem ::UPDATE::
Message-ID: <3.0.1.32.19981213134400.0084e4c0@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rud it is still used for the entrance cable from meter base to panel and this is still an area to look at carefully. I check mine every year to make sure they haven't become loose.

Dave wa4emr

At 01:49 AM 12/13/98 -0600, Rud Merriam wrote:

>I'd check - or have an electrician check - the connections on the outlets in
>your shack. Make sure they are tight and of the right type.

>

>Check if you have aluminum wiring and if you do GET AN ELECTRICIAN ASAP. Have
>him check all the wiring is done with fixtures good for aluminum.

Aluminium was

>cheaper than copper for a couple years and used in homes. But that was
maybe 20

>years ago so if your home is newer it shouldn't be a problem. Aluminum is to
>ductile for wiring except when used with fixtures designed for aluminum. It
>flows away from the screw leaving a gap where corrosion builds. That leads to
>heat and eventually fires.

>

>Rud Merriam KD5DTV

>rmerriam@csi.com

>

>-----Original Message-----

>From: PUNISHER3@aol.com <PUNISHER3@aol.com>

>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

>Date: Sunday, December 13, 1998 12:30 AM

>Subject: Electricity problem ::UPDATE::

>

>

>>Hi again. I have determined that the dimming of lights in my house is the
>>wiring somewhere. I took a hair dryer and plugged it in the same socket to
>>see if this also made the lights go dim. Sure enough, it did. Its a little
>>confusing though because the room that has the worst effect is my radio
room.

>>When I put the hair dryer on, the room almost goes black, because the lights
>>somehow lose power. On other sockets that I have tried, some have the same
>>effects but a little less noticeable, and others don't blink at all. Hmmm

>>

>>Ben

>>KK7QX

>>

>

>

>

>

>

>

Date: Sun, 13 Dec 1998 14:00:29 -0500

From: w2xn@juno.com (Fred J Kalt)
To: qrp-1@lehigh.edu
Subject: [27231] Snowshoe Run - 40 Meter CW QRP Contest
Message-ID: <19981213.140030.-766753.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Station Entry:

Fred Kalt, W2XN
10,000 U.S. Hwy 98 No., Lot #443
Lakeland, FL 33809

Rig: Kenwood TS-450S/AT (turned down to 5 watts)
Tuner: MFJ-941D used to tune SWR and
measure output wattage
Key: Bencher Dual Paddle
Keyer: Modular System Co. MK-2 Kit
Class: Hustler 4-BTV Vertical (ground mounted
and no radials - disguised as Flag Pole)
Total Score: 1,230

LOG for W2XN, Lakeland, FL:

TIME(Z)	CALL	RECEIVED	POINTS
0314	N1FN	559 CO V 154	3
0317	N8NRG	559 MI W 3W	3
0323	K1XS	359 CT W 3W	3
0327	WA0CML	559 CO B 55	3
0349	K1QM	559 MA W 4W	3
0359	W0CQC	579 CO B 515	3
0403	WE6W	339 CA W 5W	3
0407	VE3ELA	569 ON W 3W	3
0410	AI4CW	349 AL V 3W	3
0450	K2VL	559 AL W 5W	3
0453	VE3ELA	559 ON W 3W	2 (2nd contact)
0456	WA1GWH	559 NY W 30W	3
0457	N5WL	559 OK W 2W	3
0459	W5YA	559 NM B 2W	3

14 CONTACTS

SPC LIST: CO, MI, CT, MA, CA,
ON, AL, NY, OK, NM

TOTAL SPC'S=10

CQC #LIST: 55, 154, 515

TOTAL #CQC'S= 3

=====

QSO PTS=13*3 + 1*2=41.

FINAL TALLY: 41 x 10 x 2 = 1,230

=====

Comments: Not the greatest in score, but sure
was a lot of fun. Like Mac, KF4KSM,
it was warm in central Florida and
I too, looked funny in snow shoes.
Thanks for the evening of fun.....

Fred W2XN

Lakeland, FL

W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP

#233 QRP-L #1728

My Web Page:

<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

Date: Sun, 13 Dec 1998 14:15:28 -0500

From: w2xn@juno.com (Fred J Kalt)

To: qrp-l@lehigh.edu

Subject: [27232] Snowshoe Run

Message-ID: <19981213.141529.-766753.2.w2xn@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Is a "text" file the same as an ASCII file ? I don't have any way of
saving a computer file as an ASCII file that I know of.

w2xn fred

Date: Sun, 13 Dec 1998 13:03:51 -0600

From: "Tom Whiteside" <n5tw@igg-tx.net>

To: <qrp-l@Lehigh.EDU>

Subject: [27233] God Bless Us Every One

Message-ID: <000501be26cb\$91c55d80\$8e21f0cd@g517v>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm mostly a lurker on this reflector but wanted to pass along my sincere thanks for all the learning and friendship and just plain fun that this group has contributed to me this year! I just got started with QRP this year through building a Sierra - the idea as to use it as a camping radio but I'm afraid we're now addicted... Some of the highlights for 1998:

My first QRP (non-local) contact was with KB0OKS on 01/06/1998 - it was his first QSO and I was paranoid about losing him and having his first QSO not be fun - it seems funny now that this would even be a worry.... The spring fox hunts went a long way to showing me what you could do with QRP as well as were a big help to my operating technique... A number of us locally participated in FYOB and had a blast. (We're gonna do it again but this time, I'm not sitting in the shade on a concrete bench!!! - hi) The 10M QRPL deal was fun and a great way to make some friends. We otta do this again now that conditions are better!!! Joined FISTS and have made 80 or so QRP FISTS contacts. Had a great time with the FYBO deal - thanks Joe! Did the CQWW CW QRP and had great fun with that. And the fall fox season has been a blast!!!

One of my favorite contacts for 1998 was with K7GT working me from Big Bend Natl Park with my antenna almost on the ground!

it was surprising to look at the QRP log statistics - again, al in 1998:

Total QSOs: 853
Countries worked: 79
Band Country count
160M 6 (coolest was HI from TX)
80M 9
40M 32
30M 10 (this is a great band - just have not spent that much time on it)
20M 42
17M 7 (again - not much time on this band)
15M 42
10M 46

states: 48 (missing RI and NE) (Made a QRP WAS scrap book and many of the cards are from this list - thanks!!!!)

This has been a gradual sort of experience with new surprises about what you can do with QRP occurring with regularity!!! Many of the experiences related on QRP-L have been an encouragement to try new stuff (like 160M)... Many thanks for all the posts and contacts this year! I hope everyone has a safe

and great holiday!!!!!!

72

Tom Whiteside
N5TW Georgetown, TX QRP-L 1474

Date: Sun, 13 Dec 1998 16:06:44 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [27234] HB: 6M transverter
Message-ID: <199812132053.PAA27297@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Howdy Gang,

A number of you have been asking for a 6M rig, so I decided to see what it would take to build one, using mostly parts on hand. Building a complete stand alone rig seemed to be too much of an undertaking, and when I found a 36.01 Mhz xtal in a junk Cordless phone, a 20 to 6 transverter looked very attractive. After all, we all have 20 M qrp rigs and maybe even a WM-20 SSB rig to use.

Not worrying about dynamic range, I start with a NE602 for the 36Mhz LO and Rx mixer. The '602 will be preceeded by a grounded base preamp, with a double tuned input and tuned output. Knowing that will work (ha!), I haven't tested that part yet. I was more worried about the Tx end for now.

The coil used to make the 36 Mhz xtal work on the overtone has a secondary winding, so I used that to couple to few stages of amplification to drive a SBL-1 for the Tx mixer.

The SBL-1 mixer output is buffered by a MMIC which in turn drives a three section BPF. Two class A amps follow the BPF and I get about 20 mw of output.

This is as far as I've gotten so far. Just need to add a few more stages to get hopefully 1-2 watts out. Hopefully linear too, so it can be used with the SSB rig.

The main stumbling block to making this a reproducible design is all

the IF cans tuned to 50 MHz. I've been taking them out of the cordless phones and to get the 8 coils I need, takes 2 or 3 base-headset sets.

Now to redo the board with all the changes I've made so far and start working on a power amp. Wish me luck :-)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 13 Dec 1998 15:16:25 -0600
From: "Michael A. Newell" <wb4huc@texas.net>
To: qrp-1@Lehigh.EDU
Subject: [27235] SLV Problem -- UPDATE
Message-ID: <36742EA9.AC868A5@texas.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello again:

Well, I've received several ideas and suggestions regarding the antenna, so here's what I did:

Before I changed anything, I decided to try the antenna on other radios. I connected it to my OMNI VI, which is inside the shack, and it looked fine, about 1.5 to 1 SWR at the resonant frequency, which appears to be about 14.200 mhz.

I tuned the band, switching between the SLV and my R7, which is about 20 ft. up. In a couple of instances, signals were stronger on the SLV.

So I took my old Argosy out to the front porch, set it up, check it out on the SLV, and got the same measurements as with the OMNI.

So today on the SLV I have worked KOAFN in Burlington, Iowa, N8DUQ/WARA in Warren, OH, a station commemorating the 60th anniversary of the Warren Amateur Radio Assn, and WX3MAS, a special event station for the cities of Bethlehem

and Nazareth, PA.

I hooked it up to the rig in the truck one more time and it still didn't like the antenna. So whatever the problem is, it's still there, but only with the one rig. So I'm going to leave well enough alone.

Thanks to everyone for their help.

73,
Mike -- WB4HUC
QRP-L #1668
Austin, TX
<http://wb4huc.home.texas.net/omni-vi/>

Date: Sun, 13 Dec 1998 16:00:05 -0800
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@lehigh.edu
Subject: [27236] Snowshoe Run @ W3KC
Message-ID: <36745505.5C4@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It was dry in MD but I put on the snowshoes and gave it a go. Had the Argo 509 chugging at 5 watts and a Zepp at 25 ft. The band had gone long skip by 0300 utc so I didn't hear any Eastern or Midwest stations - but was happy to snag CO CA TX NM OK KS and Cuba. Score: 96 qso pts X 7 spc X 12 qrc = 8064. I really liked the re-work after 30 minutes feature and it sure is nice to hear C02HA in the QRP contests lately.
-72 de Chas W3KC-

Date: Sun, 13 Dec 1998 16:24:40 -0600
From: "Rud Merriam" <rmerriam@csi.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [27237] Re: 6M transverter
Message-ID: <03fc01be26e8\$8f9aaf20\$1a69afce@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got a question on transverters. Assume a 10m-6m transverter. The 10m rig puts out a bandwidth of, say, 1khz. The transverter roughly doubles the frequency of the output signal going from 28mhz to 50mhz. Doesn't it also double the bandwidth from 1 khz to 2khz?

Rud Merriam KD5DTV
rmerriam@csi.com

-----Original Message-----

From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, December 13, 1998 2:55 PM
Subject: HB: 6M transverter

Howdy Gang,

A number of you have been asking for a 6M rig, so I decided to see what it would take to build one, using mostly parts on hand. Building a complete stand alone rig seemed to be too much of an undertaking, and when I found a 36.01 MHz xtal in a junk Cordless phone, a 20 to 6 transverter looked very attractive. After all, we all have 20 M qrp rigs and maybe even a WM-20 SSB rig to use.

<snip>

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 13 Dec 1998 17:38:40 EST
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [27238] Re: Impossible QSO
Message-ID: <38702@w4bkx.ampr.org>

I remember a QSO a number of years back.

I was tuning the band and heard a voice, "Heeeelow test 1234"
I returned with "Heeeelow this is KD4LKG." my Novice callsign at the time.
He returned my call (He was a W8 in Ohio) and told me he was flabbergasted
at my call. "I'm in the basement where the hamshack is and was tuning into
a lightbulb dummy antenna." "Sure surprised when you called." I think I
gave his subterranean lightbulb a 5 x 5. Hee-hee! I'll have to open my
old Novice log-books and find that QSO. I remember making notations Re:
SUBTERRANIAN INCANDESCENT FILAMENT ANTENNA.

de Scott / W4PJ

"The DXpedition frequency is sacred and must be revered." Martti Laine from
WHERE do we go NEXT?

Date: Sun, 13 Dec 1998 15:40:23 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27239] Smart Keyer III
Message-ID: <199812132337.PAA07905@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Need a smarter keyer? Check out the Smart Keyer III from
Joe Lunsford -- N4YG -- just in time for Christmas. This
is a contest grade CMOS design with 2 banks of MEMs, 18
messages, 2,000 characters... and you can load your
messages via RS-232 from your PC! It has a nifty
slope-front package with 12 key-pad interface and status
LEDs for play, load and memory-bank selection. You can
browser over to URL: <http://www.qsl.net/n4yg/page3.html>
and check out the specs and pictures. Or, you can email
Joe at: n4yg@qsl.net

If you hate to build kits, this one's ready to play right
out of the box. Price? I believe it's US \$185 plus
shipping.

If Santa brings you one... let us know how you like it,
eh? :-) :-)

vry 72 - Conrad Weiss - NN6CW

End of QRP-L Digest 1304
